

Menglan Duan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

288
citations

1040056

9
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the upheaval buckling critical force for imperfect submarine pipelines. <i>Ocean Engineering</i> , 2015, 109, 330-343.	4.3	49
2	A fuzzy risk matrix method and its application to the installation operation of subsea collet connector. <i>Journal of Loss Prevention in the Process Industries</i> , 2017, 45, 147-159.	3.3	37
3	Fabricating Ag@MOF-5 nanoplates by the template of MOF-5 and evaluating its antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127093.	4.7	35
4	Theoretical investigation of the compression limits of sealing structures in complex load transferring between subsea connector components. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 44, 202-213.	4.4	29
5	A vortex-induced vibration model for the fatigue analysis of a marine drilling riser. <i>Ships and Offshore Structures</i> , 2017, 12, S280-S287.	1.9	28
6	Analytical solution of mean top tension of long flexible riser in modeling vortex-induced vibrations. <i>Applied Ocean Research</i> , 2013, 41, 1-8.	4.1	25
7	A precise mathematical model for geometric modeling of wire rope strands structure. <i>Applied Mathematical Modelling</i> , 2019, 76, 151-171.	4.2	17
8	A review of the integrity management of subsea production systems: inspection and monitoring methods. <i>Ships and Offshore Structures</i> , 2019, 14, 789-803.	1.9	16
9	In-plane and out-of-plane dynamics of curved pipes conveying fluid by integral transform method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	14
10	Semi-analytical solution for soil-constrained vibration of subsea free-spanning pipelines. <i>Ships and Offshore Structures</i> , 2018, 13, 666-676.	1.9	10
11	A dynamic model of deep water riser and its global response characteristics induced by ocean internal wave and floating platform. <i>Ships and Offshore Structures</i> , 2022, 17, 1592-1603.	1.9	8
12	Intelligent fault diagnosis using image representation of multi-domain features. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 42, 1317-1329.	1.4	5
13	A novel feature extraction algorithm for bearing fault diagnosis based on enhanced symbolic aggregate approximation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 5369-5381.	1.4	4
14	Experimental and numerical investigation of hydrodynamic coefficients of subsea manifolds. <i>Ships and Offshore Structures</i> , 2021, 16, 595-607.	1.9	3
15	Evaluation of the Double Snap-Through Mechanism on the Wave Energy Converter's Performance. <i>Journal of Marine Science and Application</i> , 2021, 20, 268-283.	1.7	3
16	An improved model for VIV fatigue life prediction of slender marine structures in time-varying flows. <i>Journal of Marine Science and Technology</i> , 2019, 24, 490-499.	2.9	2
17	Experimental investigation on the underwater soft yoke mooring system considering sloshing. <i>Ships and Offshore Structures</i> , 2019, 14, 309-319.	1.9	2
18	Prediction of coupled in-line and cross-flow vortex-induced vibrations of fluid-transporting free-spanning submarine pipelines: an integral transform solution. <i>Ships and Offshore Structures</i> , 0, 1-10.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Lateral buckling and post-buckling response based on a modified nonlinear pipe-soil interaction model. , 2017, , .		0